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FROM: Brent A. Story, P.E., State Design Policy Engineer

TO: Program Delivery, IPD, TIA, Engineering, Operations, Construction, and Field Districts, ACEC/Georgia

SUBJECT: GDOT Temporary Sediment Basin Design Tool

This is to inform you that the Office of Design Policy & Support, Water Resources Group has created a temporary sediment basin design tool utilizing Microsoft Excel. The tool will assist engineers with designing a temporary sediment basin according to the GDOT Construction Details D-22A and D-22B while being consistent with the latest edition of the Georgia Soil and Water Conservation Commission's (GSWCC) *Manual for Erosion and Sediment Control in Georgia*.

Use of the tool is not mandatory, but meant to assist engineers in designing sediment basins. The tool is provided without warranty or liability of any kind to the Department. Every effort was made to make the tool as complete and accurate as possible without errors. However, engineers shall use engineering discretion when designing temporary sediment basins to comply with the NPDES GAR100002 permit. Engineers should be aware that this tool is not appropriate for designing a retrofitted post-construction stormwater BMP functioning as a temporary sediment basin.

The **GDOT Temporary Sediment Basin Design Tool v1.0** is available for download from the GDOT R.O.A.D.S. webpage at <http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>, and path: **Roadway** > Category: Construction Stormwater (Erosion Control).

In addition to the sediment basin design tool, below are other recent Erosion, Sedimentation, and Pollution Control Plan (ESPCP) related updates by the Office of Design Policy & Support:

- GDOT ESPCP General Notes Template, revised November 26, 2018, to comply with the permit, GSWCC's 2019 ESPCP Checklist, and GSWCC's 2019 Appendix 1.
- GDOT Construction Details D-22A and D-22B, revised November 28, 2018, to clarify construction and to facilitate the release of the GDOT Temporary Sediment Basin Design Tool.
- New GDOT Construction Detail D-56, dated November 28, 2018, to replace the obsolete GDOT Georgia Standard 1031 for stone riprap and sandbag temporary check dams.

GDOT project managers and engineers are directed to routinely refer to the GDOT R.O.A.D.S. webpage for the latest updates.

Please address questions to the Office of Design Policy and Support, Water Resources Group at ESPCP@dot.ga.gov or contact Brad McManus or Dylan Eagleton at (404) 631-1978.

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